

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092118\
 Data File : VU026935.D
 Acq On : 20 Sep 2018 13:52
 Operator : MD/SY
 Sample : J4893-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08P0

Quant Time: Sep 27 05:34:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	241639	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	239141	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	130069	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78302	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.62%
7) Chloroethane-d5	1.68	69	65443	42.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.54%
11) 1,1-Dichloroethene-d2	2.27	63	110611	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.40%
21) 2-Butanone-d5	4.18	46	106194	89.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.52%
24) Chloroform-d	4.65	84	134069	40.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.86%
26) 1,2-Dichloroethane-d4	5.31	65	86456	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.82%
32) Benzene-d6	5.34	84	280144	41.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.33	67	89700	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.08%
41) Toluene-d8	7.57	98	243623	40.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.48%
43) trans-1,3-Dichloropropene-	7.85	79	38819	40.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.52%
47) 2-Hexanone-d5	8.31	63	74036	87.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116856	38.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.62%
64) 1,2-Dichlorobenzene-d4	11.87	152	118988	43.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.96%

Target Compounds

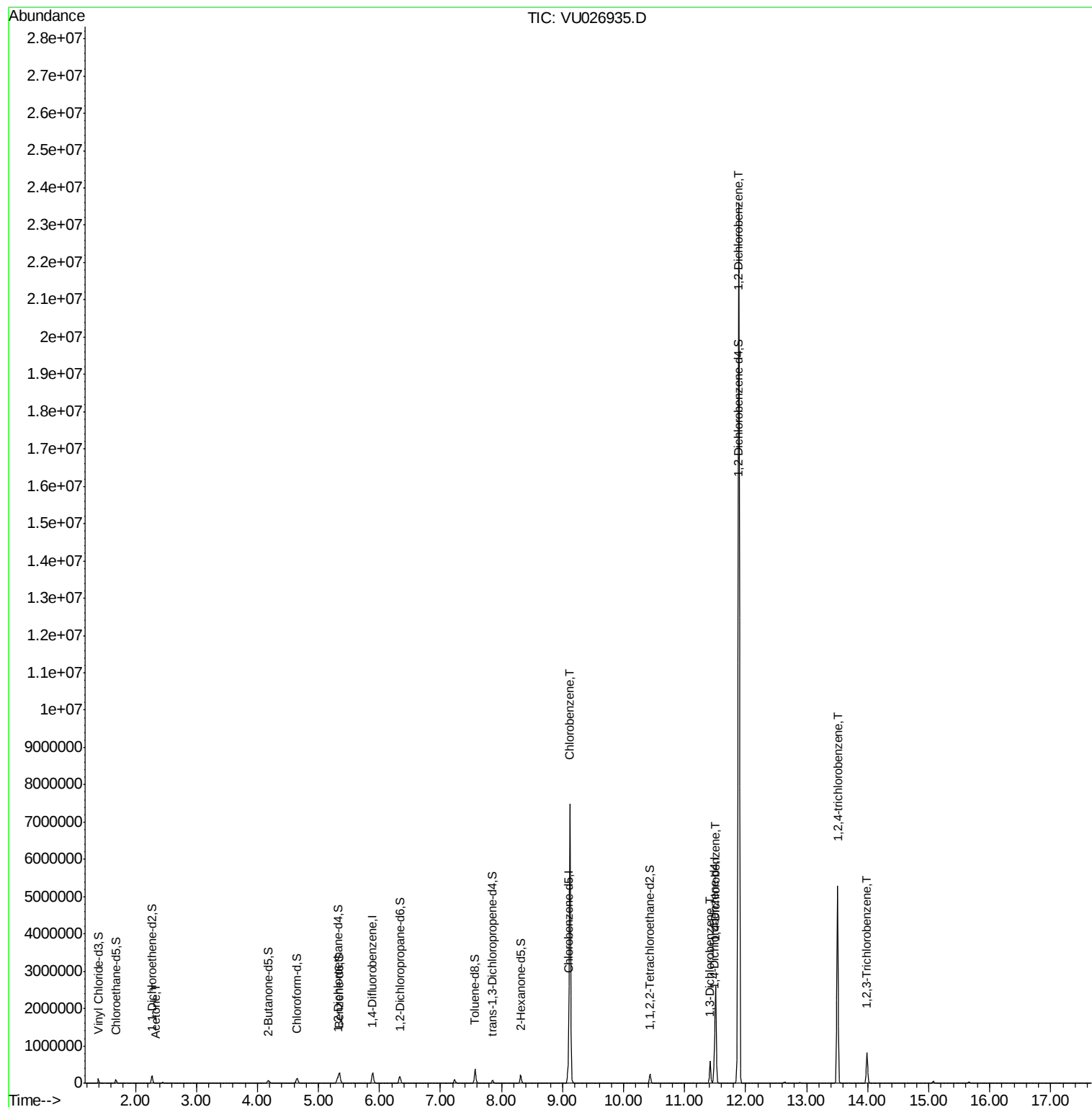
					Qvalue
13) Acetone	2.32	43	1695	1.454 ug/L	93
51) Chlorobenzene	9.12	112	4024183	790.438 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	245630	61.948 ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	1064638	243.841 ug/L	98
65) 1,2-Dichlorobenzene	11.89	146	10271731	2339.576 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	1687065	638.048 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	269517	92.562 ug/L	98

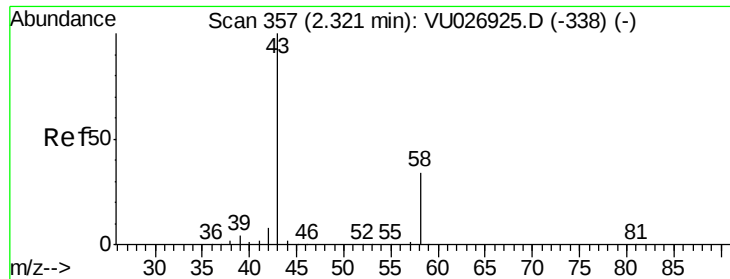
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.454 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026935.D

Acq: 20 Sep 2018 13:52

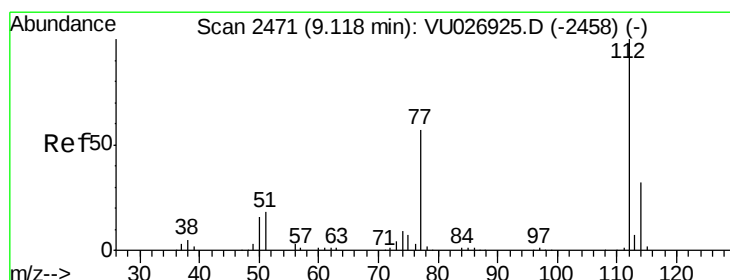
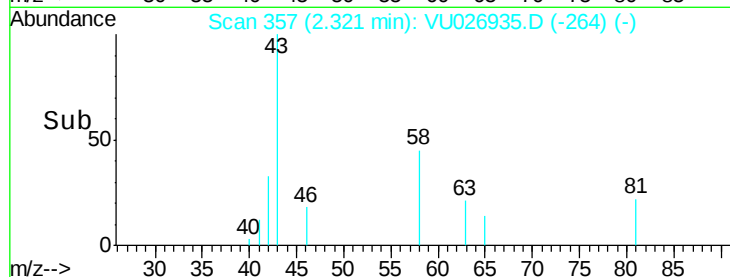
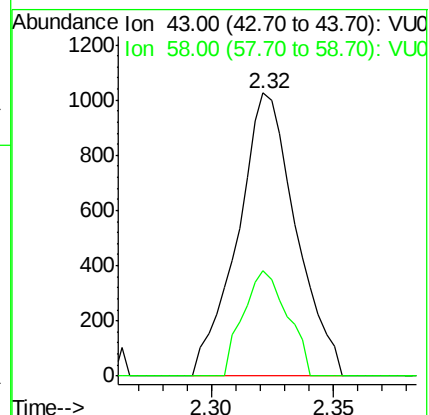
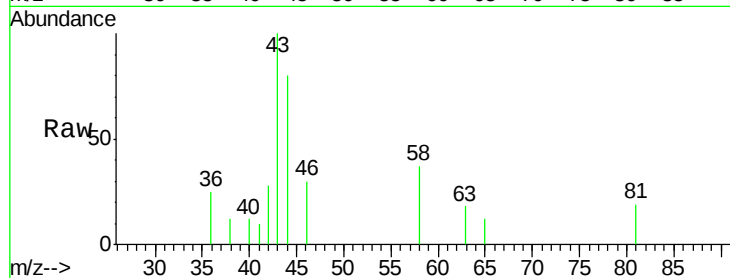
Instrument :
MSVOA_U
ClientSampleId :
C08P0

Tgt Ion: 43 Resp: 1695

Ion Ratio Lower Upper

43 100

58 28.1 0.0 64.6



#51

Chlorobenzene

Concen: 790.438 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU026935.D

Acq: 20 Sep 2018 13:52

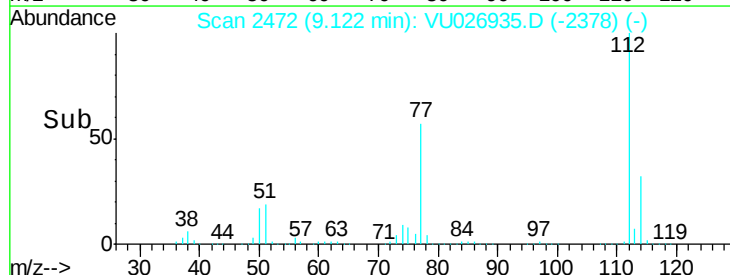
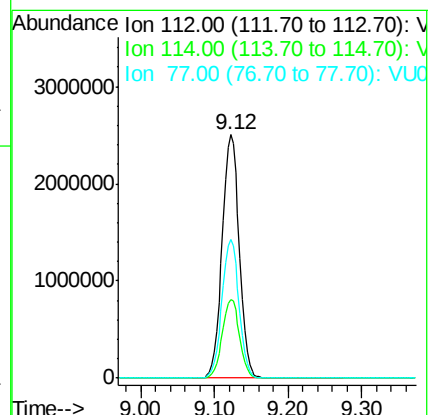
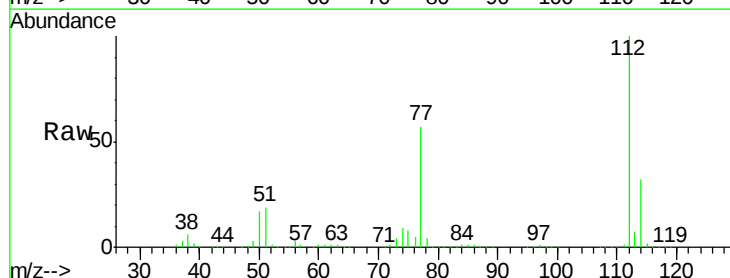
Tgt Ion: 112 Resp: 4024183

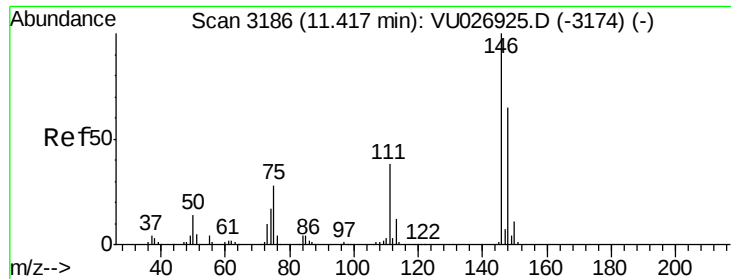
Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

77 57.0 45.1 67.7





#62

1,3-Dichlorobenzene

Concen: 61.948 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU026935.D

Acq: 20 Sep 2018 13:52

Instrument :

MSVOA_U

ClientSampleId :

C08P0

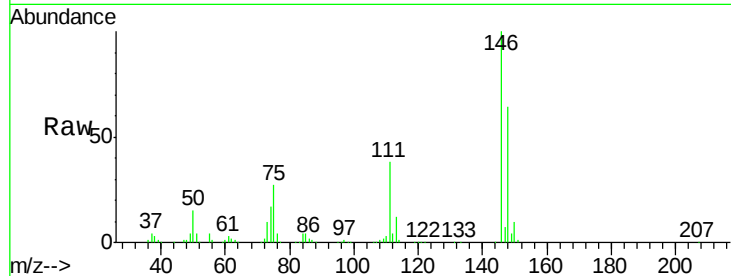
Tgt Ion:146 Resp: 245630

Ion Ratio Lower Upper

146 100

111 38.1 26.7 49.7

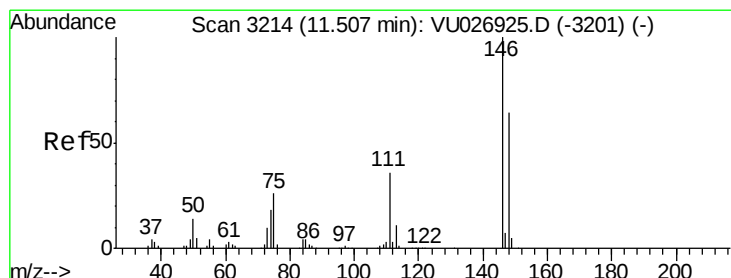
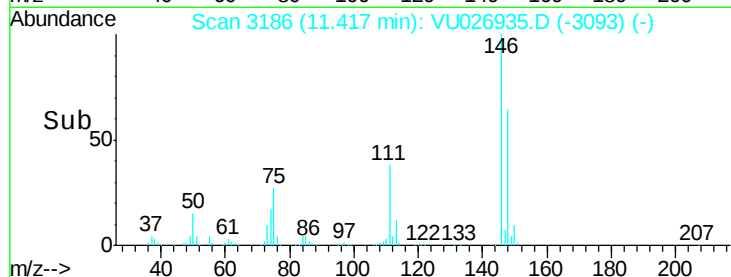
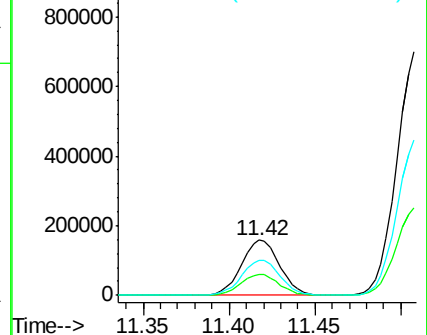
148 64.4 44.9 83.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 243.841 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU026935.D

Acq: 20 Sep 2018 13:52

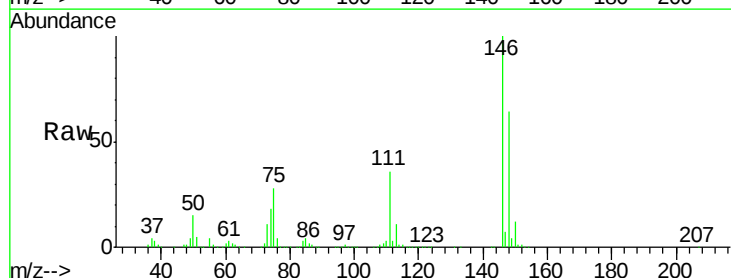
Tgt Ion:146 Resp: 1064638

Ion Ratio Lower Upper

146 100

111 36.1 26.0 48.2

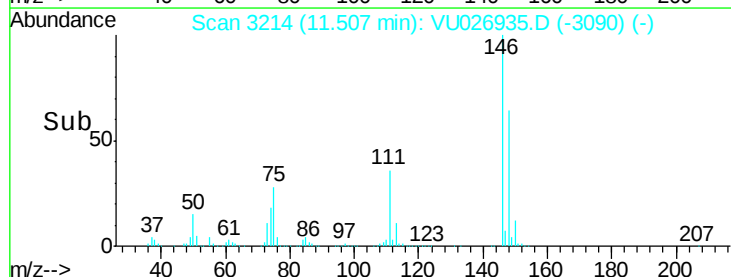
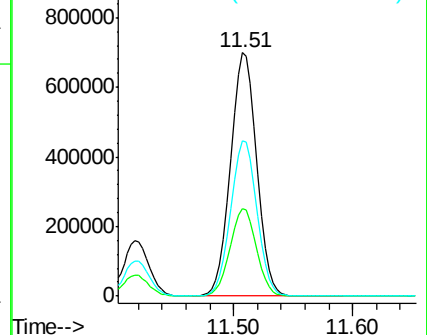
148 63.7 45.8 85.2

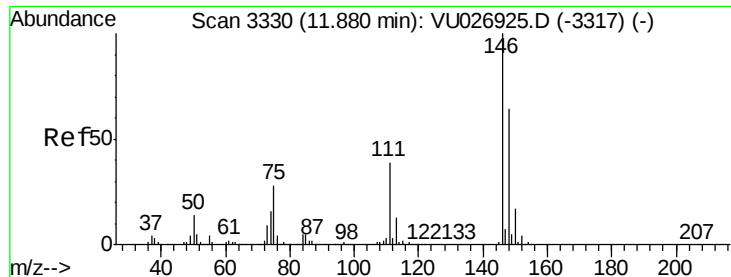


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

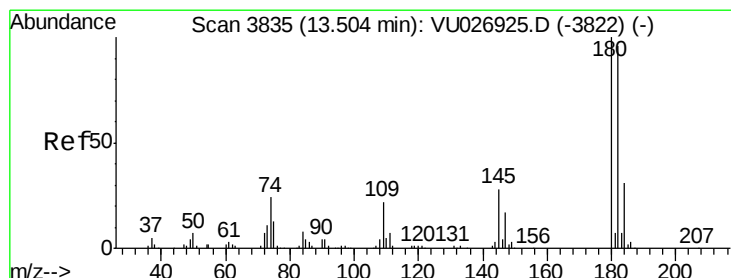
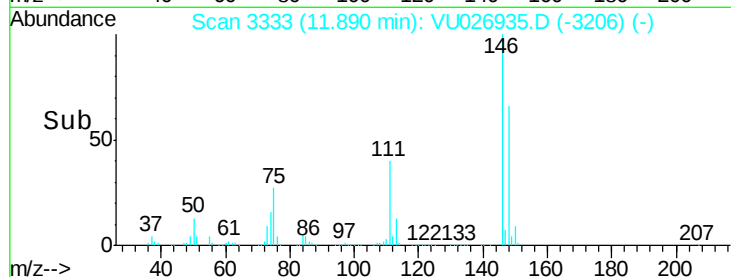
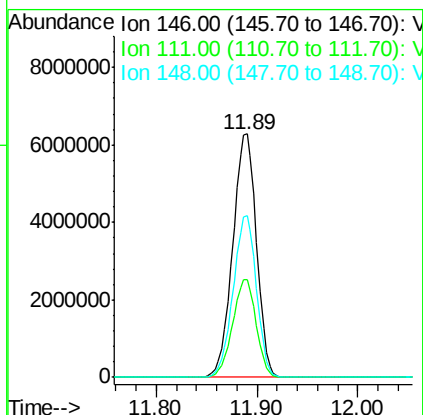
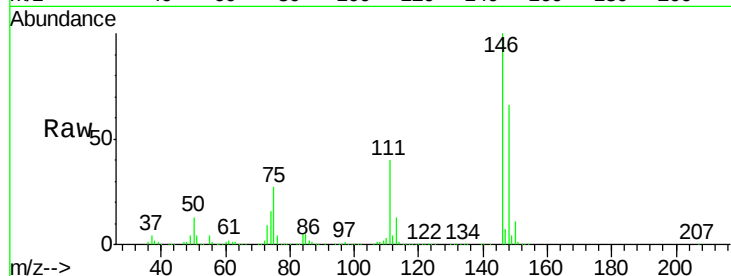




#65
 1,2-Dichlorobenzene
 Concen: 2339.576 ug/L
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.01 min
 Lab File: VU026935.D
 Acq: 20 Sep 2018 13:52

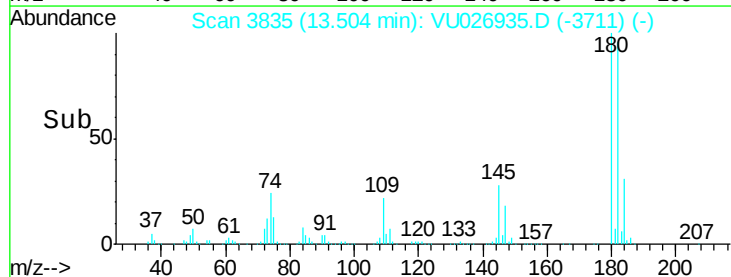
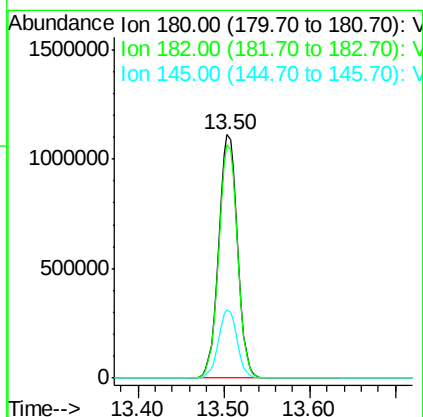
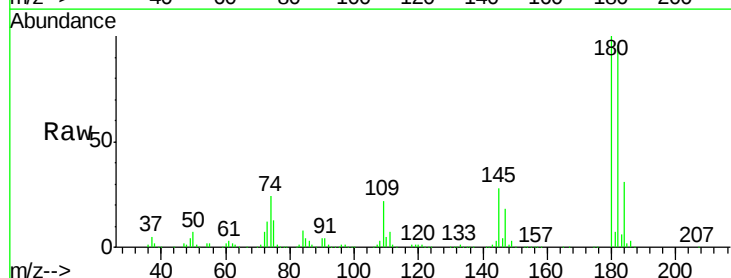
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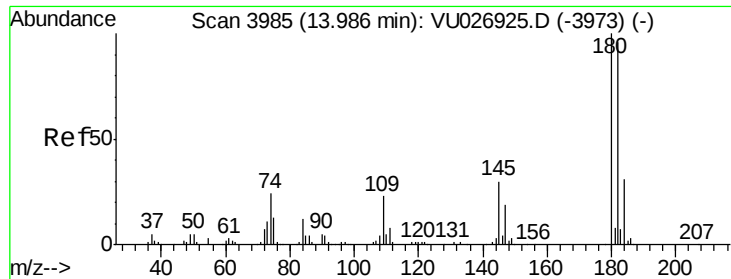
Tgt Ion:146 Resp:10271731
 Ion Ratio Lower Upper
 146 100
 111 40.0 31.4 47.0
 148 66.2 51.4 77.2



#68
 1,2,4-trichlorobenzene
 Concen: 638.048 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026935.D
 Acq: 20 Sep 2018 13:52

Tgt Ion:180 Resp: 1687065
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.8 115.2
 145 28.0 22.2 33.2





#70
 1,2,3-Trichlorobenzene
 Concen: 92.562 ug/L
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU026935.D
 Acq: 20 Sep 2018 13:52

Instrument :
 MSVOA_U
 ClientSampleId :
 C08P0

Tgt Ion	Resp	Lower	Upper
180	269517		
182	96.5	75.6	113.4
145	29.3	23.8	35.6

